

Mobiflex 400-MS Base Unit

Mobile Welding Fume Extractor

List Price:5204.00 (USD) [*See Details](#)

K1741-1 Mobiflex 400-MS Base Unit

Lincoln Electric's® Mobiflex™ 400-MS is a portable, low vacuum/high volume self-cleaning filtration system designed for intermittent or continuous extraction and filtration of welding fumes.

The lightweight and rugged design of the Mobiflex™ 400-MS along with the standard front caster and rear wheels allows for easy portability. It is ideal for facilities that require welding fume extraction in multiple locations, including maintenance departments, general fabrication and job shops, and industrial welding environments. Because of the self-cleaning function, the Mobiflex™ 400-MS can also be used in production environments where welding duty cycles are longer and more frequent.

The Mobiflex™ 400-MS can be configured with Lincoln's LFA 3.1 or LFA 4.1 fume extraction arms or with the 203 mm (8") diameter, 5 m (16') long flexible hose and hood set. Lincoln Electric's® fume extraction arms are designed to provide operators with optimal motion and reach for their specific welding position(s) and work area. The arm lengths range from 3.0 meter (10 ft.) to 4.0 meters (13 ft.). For hard to reach areas such as confined spaces, the flexible hose and set can be easily carried to locations where an extraction arm is not feasible.

The Mobiflex™ 400-MS has an on-board internal extraction fan and is designed specifically for weld applications. It extracts weld fume through the arm, into the internal spark arrestor and finally through the self-cleaning filter cartridge capturing the welding fume particulate. As the particulate is collected on the outside of the filter cartridge and builds up, the filter is then automatically cleaned causing the particulate to fall into the collection bin for easy, hands free disposal.

The Mobiflex™ 400-MS system is recommended for consumable use of approximately 6,000 lbs. (2722 kg) per station [4,000 lbs. (1814 kg) per stick or flux-cored].

Filter performance will be affected by process and application variables including: base metal(s), consumables(s), and coatings (oil) if applicable.

Advantage Lincoln

- 735 CFM airflow with LFA 3.1/4.1 extraction arm.⁽¹⁾
- Filter efficiency up to 99.8%.
- 30 m² (325 ft²) LongLife® filter with ExtraCoat® pretreatment.
- Electronic differential pressure system monitors internal static pressure and controls filter cleaning.
- Indicator light for saturated filter.
- RotaPulse® automatic filter cleaning system.
- Internal aluminum mesh spark arrestor.
- One-year warranty on equipment; 30 days on filter cartridge.

⁽¹⁾CFM level is dependent upon arm length, fan type and system maintenance.

Physical specifications

Weight:286 lbs. (130 kgs.)

Dimensions (in) H x W x D : 40 x 32 x 48

Dimensions (mm) H x W x D : 1020 x 810 x 1210



Specifications

Input - Voltage/Phase/Hertz	Airflow Rating
115/1/60	735 CFM

* Prices shown are US List Prices valid only in the US and are for information only. List Prices are exclusive of any additional charges including, but not limited to: optional or accessory features, shipping and handling fees, taxes, import/export fees and duties, etc., actual price may vary. Prices shown are those as of the date printed or placed on this website and are subject to change without notice. Contact your local Lincoln Electric Distributor for current pricing.